AMENDMENTS TO THE CLAIMS

- 1. (Currently Amended) Fluorescent glass containing at least 50 mo1% of at least one kind of an oxide selected from the group consisting of SiO₂, GeO₂, and P₂O₅ as a host glass constituent of a region containing a Bi ion as a <u>fluorescent</u> dopant.
- 2. (Currently Amended) Fluorescent glass according to claim 1, <u>further</u> containing at least one kind of <u>an</u> oxide selected from the group consisting of BaO, CaO, Na₂O, B₂O₃, Ga₂O₃, Ta₂O₅, and Nb₂O₅ as a glass constituent.
- (Currently Amended) Fluorescent glass according to claim 2, <u>further</u> containing an oxide of an element adapted to become a trivalent positive ion as a codopant.
- 4. (Original) Fluorescent glass according to claim 3, containing Al_2O_3 as the codopant.
- 5. (Original) Fluorescent glass according to claim 4, wherein Al₂O₃ contained therein as the codopant has a concentration of at least 5 mol%.
- 6. (Withdrawn) Fluorescent glass according to claim 2, containing B_2O_3 without containing Al_2O_3 as a codopant.
- 7. (Withdrawn) Fluorescent glass according to claim 6, containing Ta_2O_5 as acodopant.

8. (Original) Fluorescent glass according to claim 1, exhibiting a fluorescence peak wavelength exceeding 1300 nm.

- 9. (Original) Fluorescent glass according to claim 1, exhibiting a fluorescence peak wavelength exceeding 1400 nm.
- 10. (Original) Fluorescent glass according to claim 1, exhibiting a B value of 0.3 or less as an index of alkalinity.
- 11. (Currently Amended) Fluorescent glass according to claim 10, <u>further</u> containing an oxide of an element adapted to become a trivalent positive ion as a codopant.
 - 12. (Cancelled)
- 13. (Currently Amended) A fluorescent glass ceramic containing an oxide of an element adapted to become a trivalent positive ion as a codopant, other than Al₂O₃, in a region containing a Bi ion as a <u>fluorescent</u> dopant.
- 14. (Original) An optical amplifier waveguide comprising the fluorescent glass according to claim 1; the optical amplifier waveguide being adapted to guide pumping light and signal light, and optically amplify the signal light when supplied with the pumping light.

15. (Original) An optical amplifier module comprising:
the optical amplifier waveguide according to claim 14; and
pumping light supply means for supplying the amplifier waveguide with the pumping light.

- 16. (Original) An optical amplifier module according to claim 15, wherein the pumping light has a center wavelength longer than 800 nm.
 - 17. (Original) An optical amplifier module comprising:

first and second optical amplifier waveguides, cascaded to each other on a signal light propagation line, having respective compositions different from each other, each being the optical amplifier waveguide according to claim 14;

first pumping light supply means for supplying the first optical amplifier waveguide with pumping light; and

second pumping light supply means for supplying the second optical amplifier waveguide with pumping light.

18. (Original) An optical amplifier module according to claim 17, wherein the first optical amplifier waveguide contains Al_20_3 ;

wherein the second optical amplifier waveguide contains a codopant other than Al_20_3 ; and

wherein the first and second optical amplifier waveguides have respective fluorescence peak wavelengths separated from each other by at least 70 nm.

19. (Withdrawn) An optical amplifier module comprising:

first and second optical amplifier waveguides having respective compositions different from each other, each being the optical amplifier waveguide according to claim 14;

first pumping light supply means for supplying the first optical amplifier waveguide with pumping light;

second pumping light supply means for supplying the second optical amplifier waveguide with pumping light;

optical dividing means for dividing input signal light into first and second wavelength regions, outputting the first wavelength region of signal light to the first optical amplifier waveguide, and outputting the second wavelength region of signal light to the second optical amplifier waveguide; and

optical combining means for combining the first wavelength region of signal light outputted from the first optical amplifier waveguide after being optically amplified thereby and the second waveguide of signal light outputted from the second optical amplifier waveguide after being optically amplified thereby, and outputting thus combined signal light.